

Title (en)
ELECTRIC MOTOR AND BRAKE ASSEMBLY

Title (de)
ELEKTROMOTOR UND BREMSANLAGE

Title (fr)
ENSEMBLE MOTEUR ÉLECTRIQUE ET FREIN

Publication
EP 2582538 B1 20141217 (EN)

Application
EP 11796348 A 20110615

Priority
• US 41204110 P 20101110
• US 35484610 P 20100615
• US 2011040476 W 20110615

Abstract (en)
[origin: WO2011159773A1] A motor and brake assembly includes a mounting member. A stator winding assembly, a brake assembly, a hub, and a rotor magnet assembly. The stator winding assembly is mounted to the mounting member. The brake assembly is operably connected to the mounting member. The hub is rotatably coupled to the mounting member. The rotor magnet assembly is mounted to an inside of a radially outer wall of the hub. The brake assembly is operable to move a component of the brake assembly between an engaged position where the component engages the inside of the radially outer hub wall and a disengaged position where the component is spaced apart from the inside of the radially outer hub wall.

IPC 8 full level
B60K 7/00 (2006.01)

CPC (source: EP US)
A61G 5/04 (2013.01 - EP US); **A61G 5/1008** (2013.01 - EP US); **A61G 5/1032** (2013.01 - EP US); **B60K 7/0007** (2013.01 - EP US); **B60L 7/24** (2013.01 - EP US); **F16D 51/48** (2013.01 - EP US); **F16D 65/08** (2013.01 - EP US); **F16D 65/14** (2013.01 - US); **H02K 7/102** (2013.01 - EP US); **H02K 21/222** (2013.01 - EP US); **B60K 2007/0038** (2013.01 - EP US); **B60K 2007/0092** (2013.01 - EP US); **B60L 2200/16** (2013.01 - EP US); **B60L 2220/50** (2013.01 - EP US); **B60Y 2200/84** (2013.01 - EP US); **F16D 2066/003** (2013.01 - EP US); **F16D 2121/14** (2013.01 - EP US); **F16D 2121/18** (2013.01 - EP US); **F16D 2121/20** (2013.01 - US); **F16D 2121/22** (2013.01 - EP US); **F16D 2121/26** (2013.01 - EP US); **F16D 2123/00** (2013.01 - EP US); **F16D 2125/30** (2013.01 - EP US); **F16D 2127/04** (2013.01 - EP US); **Y02T 10/64** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2011159773 A1 20111222; AU 2011268382 A1 20130131; AU 2011268382 B2 20141127; CA 2802730 A1 20111222; CA 2802730 C 20150804; CA 2887919 A1 20111222; CN 103025554 A 20130403; CN 103025554 B 20160330; EP 2582538 A1 20130424; EP 2582538 A4 20131030; EP 2582538 B1 20141217; NZ 605742 A 20141128; US 2012018234 A1 20120126; US 2015027824 A1 20150129; US 8807251 B2 20140819

DOCDB simple family (application)
US 2011040476 W 20110615; AU 2011268382 A 20110615; CA 2802730 A 20110615; CA 2887919 A 20110615; CN 201180039344 A 20110615; EP 11796348 A 20110615; NZ 60574211 A 20110615; US 201113160931 A 20110615; US 201414461630 A 20140818